Wisconsin Department of Transportation

Division of Transportation Systems Development
Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

July 2, 2026

NOTICE TO ALL CONTRACTORS:

Proposal #04: 2030-10-71, WISC 2026378
N Mayfair Rd/N Lovers Ln
W Burleigh St to W Silver Spring Dr
STH 100
Milwaukee County

Letting of July 14, 2026

This is Addendum No. 01, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress.
7	Utilities.
9	Other Contracts.
70	Temporary Causeway, Item SPV.0060.13.

Added Special Provisions	
Article No.	Description
94	Coordination with Businesses and Residents.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
416.0620	Drilled Dowel Bars	EACH	6,408	8,300	14,708
690.0250	Sawing Concrete	LF	8,638	23,958	32,596

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
23	**Construction Detail – Causeway:** Included underground utilities within the area of the temporary causeway along with the approximate location of the temporary utility poles and line along the west side of STH 100 that will be installed prior to construction.
225	**Utility Plan:** Adjusted approximate location of and included an additional existing We Energies gas main and added labels for clarity. Referenced new structures.
226	**Utility Plan:** Adjusted approximate location of and included an additional existing We Energies gas main and added labels for clarity. Referenced new structures.
510	**Miscellaneous Quantities:** Revised quantity for Item 416.0620 Drilled Dowel Bars.
524	**Miscellaneous Quantities:** Revised quantity for Item 690.0250 Sawing Concrete.
778	**General Plan (B-40-1029):** Adjusted approximate location of and included an additional existing We Energies gas main and added labels for clarity.
819	**General Plan (R-40-730):** Adjusted approximate location of existing We Energies gas main and added labels for clarity.
836	**General Layout S-40-3107:** Adjusted approximate location of existing We Energies gas line and added labels for clarity.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

2030-10-71

July 2, 2026

Special Provisions

3. Prosecution and Progress.

Replace entire subsection titled Stage 1 Construction *under section titled* **Schedule of Operations** *with the following:*

Stage 1 Construction:

- Install erosion control devices as shown on the plan or as directed by the engineer prior to ground disturbing activity
- Perform grubbing as shown on the plans and in accordance with these special provisions
- Complete all in-stream construction activities in accordance with these special provisions. In-stream work includes work that causes disturbance to bed or the banks of the waterway.
- Begin construction on the STH 100 bridge(s) over the Menomonee River between Currie Park entrance and Menomonee River Parkway
- Construct temporary access to 3800 N. Mayfair Road
- Complete construction of median opening closure on Burleigh Street
- Complete all instream work in accordance with these special provisions
- Install detour signing for STH 100 between Burleigh Street and Capitol Drive

7. Utilities.

Replace entire article language with the following:

This contract comes under the provision of Administrative Rule Trans 220.

The utility work plan includes additional detailed information regarding the location of known discontinued, relocated, or removed utility facilities. These can be requested from the department during the bid preparation process, or from the project engineer after the contract has been awarded and executed.

Some of the utility work described below is dependent on prior work being performed by the contractor at a specific site. In such situations, provide the engineer and the affected utility a good faith notice of when the utility is to start work at the site. Provide this notice 14 to 16 calendar days in advance of when the prior work will be completed and the site will be available to the utility. Follow-up with a confirmation notice to the engineer and the utility not less than 3 working days before the site will be ready for the utility to begin its work.

stp-107-065 (20240703)

Any utility facility locations (stations, offsets, elevations, depths) listed in this article are approximate.

The following utility owners have facilities in the project area:

AT&T Wisconsin owns aerial and underground communications facilities within the project area.

AT&T Wisconsin plans the following work that will occur during construction:

Approximate Location	Planned Work	Estimated Construction Time
Station 43+77, 61' RT	Removal of existing pedestal.	½ of a working day.
Station 144+57, 31' RT	Manhole casting removal, plating, reinstallation, and adjustment.	Casting removal and plating: 6 hours per manhole. Casting reinstallation and adjustment: 6 hours per manhole.
Station 202+40, 20' RT	Manhole casting removal, plating, reinstallation, and adjustment.	
Station 45+56, 8' RT	Manhole adjustment.	6 hours.
Station 45+60 – Station 45+85, 7' – 9' RT	Excavate to expose and shift 6 MCD conduit to the south to avoid catch basin.	2 working days.

Contact AT&T Wisconsin prior to any work operation that they will be performing during construction. Provide advance notice after the final lower layer of asphalt is placed but prior to placement of the upper layer of asphalt, and the site will be available to the utility owner for casting reinstallation and adjustment. Provide advance notice after staking the location of the storm sewer inlet along the Burleigh Street eastbound inside lane (Storm Sewer Structure 10), and the site will be available to the utility owner for shifting the 6 MCD conduit.

City of Milwaukee - Sewer owns underground sanitary sewer facilities within the project area.

Adjust sanitary sewer manholes and install sanitary sewer manhole internal seals as shown in the plans and in the bid items for this project.

City of Milwaukee – Water (Milwaukee Water Works) owns underground water facilities within the project area.

Contact Milwaukee Water Works prior to the start of construction. Milwaukee Water Works will locate, mark, inspect and repair all water service boxes, water valve boxes and water manhole frames and lids within the limits of the project prior to commencement of work on the project. This work is estimated to take 5 working days.

Adjust water valve boxes as shown in the plans and in the bid item for this project.

An existing hydrant located at Station 201+78, 81' RT will be within 18" of grading for a curb ramp.

City of Wauwatosa (COMLN) owns underground communication facilities within the project area.

The City of Wauwatosa (COMLN) plans the following work that will occur during construction:

Approximate Location	Planned Work
Station 120+30 – Station 132+20	Relocation of fiber conduit. Pulling fiber and splicing.
Station 120+45	Handhole adjustment.
Station 132+20	Handhole adjustment.

Work during construction is estimated to take 15 working days for the relocation of the fiber conduit and handhole adjustments and 3 working days for pulling fiber and splicing. The relocation of the fiber conduit requires the fill along the bridge approaches to be in place prior to the city performing their relocation.

Provide the City of Wauwatosa (COMLN) a 30-working day initial notice then advanced notice prior to each onsite mobilization.

The city will leave in place and discontinue the existing underground fiber conduit between Station 120+30 and Station 132+20. No conflicts are anticipated with the existing fiber conduit. Cut and remove the existing fiber conduit, as necessary.

City of Wauwatosa – Sewer owns underground sanitary sewer facilities within the project area.

Adjust sanitary sewer manholes as shown in the plans and in the bid items for this project.

City of Wauwatosa – Water (Wauwatosa Water Utility) owns underground water facilities within the project area.

Adjust water valve boxes, perform hydrant and water valve vault extensions, and replace water valve vaults with water valve boxes as shown in the plans and in the bid items for this project.

The following water valve boxes are anticipated to require extensions:

Location
Station 121+69, 46’ RT
Station 121+72, 48’ RT
Station 121+77, 44’ RT
Station 123+90, 57’ RT
Station 128+08, 74’ RT
Station 130+36, 65’ RT
Station 130+40, 65’ RT
Station 132+36, 64’ RT

Midwest Fiber Networks LLC owns underground communications facilities within the project area.

Prior to construction, Midwest Fiber Networks LLC plans the following work:

Approximate Location	Planned Work
Station 117+40, 2’ RT	Installation of a new handhole.
Station 122+35 LT (within the median)	Adjustment of existing handhole.
Station 117+40, 2’ RT – Station 122+35 LT	Installation of new 1.25-inch HDPE between the new handhole and existing handhole.
Station 140+44, 71’ RT – Station 141+76, 58’ RT	Installation of new 1.25-inch duct path will be placed at approximately a 48 to 60-inch minimum depth.
Station 117+34 – Station 141+82	Removal of 432ct fiber from the WisDOT duct.

Work prior to construction is anticipated to be completed by July 14, 2026.

For the following coordination items taking place during construction, contact Patty Finn at (414) 459-3551.

Midwest Fiber Networks LLC will adjust the handhole located at Station 122+35 LT. Contact Midwest Fiber Networks LLC prior to placing fill around the handhole. Handhole adjustment is anticipated to take 1 working day. Work around handhole prior to and after adjustment.

Contact Midwest Fiber Networks LLC prior to the WisDOT conduit between Station 117+34 and Station 141+82 being available to pull new 432ct fiber. Pulling fiber and splicing is anticipated to take 3 working days.

Contact Cory Schmuki at (414) 459-3561 prior to constructing the storm sewer median inlet (Storm Sewer Structure 9C) and pipe connection at Station 119+50 so that they can have a watchdog present.

Milwaukee Metropolitan Sewerage District (MMSD) owns underground sanitary sewer facilities within the project area.

MMSD will remove manhole castings, plate manhole openings, and reinstall and adjust manhole castings during construction at the following locations:

Structure	Location
Manhole 19004	Station 191+27, 26' RT
Manhole 19005	Station 196+77, 26' RT
Manhole 19006	Station 203+06, 27' RT
Conveyance Structure 20101	Station 209+00, 37' RT
Conveyance Structure 20102A	Station 213+89.2, 43.6' RT
Manhole 20102	Station 215+20, 39.2' RT
Conveyance Structure 20103	Station 220+16.8, 41.6' LT

MMSD estimates 1 working day for removing casting and plating manhole opening per manhole and 1 working day for reinstalling and adjusting casting per manhole. Contact MMSD in advance of construction prior to casting removal and plating. Provide advance notice after the final lower layer of asphalt is placed but prior to placement of the upper layer of asphalt, and the site will be available to the utility owner for casting reinstallation and adjustment.

Spectrum owns aerial and underground communications facilities within the project area.

Prior to construction, Spectrum completed the following work:

Approximate Location	Planned Work
Station 115+26 LT – Station 123+87 LT	Relocation of underground communications facilities by installing a 2-inch duct approximately 3.5 feet to 5.5 feet LT of the proposed right-of-way line. The new conduit will be installed to a depth that varies between 38 inches and 84 inches. Installation of a new vault located at Station 115+26. Removal of existing pedestals located at Station 120+51 and Station 122+31.
Station 127+07 LT – Station 135+67 LT	Relocation of underground communications facilities by installing a 2-inch duct approximately 1 foot to 2 feet LT of the proposed right-of-way line. The new conduit will be installed to a depth that varies between 32 inches and 42 inches. Installation of new vaults located at Station 127+07 and Station 129+46.
Station 142+40 LT – Station 142+57 LT	Removal of existing cable tv pole located at Station 142+41, 61' LT and installation of a new cable tv pole located at Station 142+41, 56.5' LT. Removal of existing vault located at Station 142+46, 61' LT and installation of a new vault located at Station 142+54, 56.5' LT. Removal of an existing pedestal located at Station 142+35, 70' LT.

Spectrum has identified the following existing underground communications facilities that will be left in place and discontinued:

Approximate Location	Type and Size of Facility
Station 115+26 LT – Station 123+87 LT	2-inch duct
Station 127+07 LT – Station 135+67 LT	2-inch duct

For coordination during construction, contact Lois Rosado at (414) 335-6994.

Contact Spectrum prior to streetlight installation at the following locations so that they can have a watchdog present: Station 136+15.7 LT, Station 137+85.7 LT, and Station 139+56.1 LT.

Prior to placing the temporary causeway, Spectrum will plate the new vault installed at Station 127+07, 83' LT. Contact Spectrum in advance for plate placement. Spectrum will place plate within 10 calendar days after being notified. Plating is estimated to take 2 working days. After the temporary causeway has been removed and rough grading of the area around the vault has been completed, but prior to the placement of topsoil, contact Spectrum in advance for plate removal and vault adjustment. Spectrum will remove the plate and adjust the vault, within 20 calendar days of being notified that they have access to the vault. Vault adjustment is estimated to take 2 working days.

Verizon owns underground communications facilities within the project area.

Prior to construction, Verizon plans the following work:

Approximate Location	**Planned Work**
Station 111+40, 56.47’ LT	Handhole to be relocated 3’ easterly.
Station 117+52.33, 5.5’ LT – Station 132+83.92, 67.3’ LT	Temporarily relocating their facilities overhead to poles being installed by Wisconsin Independent Network, LLC.
Station 117+52.33, 5.5’ LT – Station 120+45	Place temporary fiber underground between existing hand hole at Station 120+45 and temporary pole at Station 117+52.33, 5.5’ LT.
Station 132+25, 48.71’ LT – Station 132+83.92, 67.3’ LT	Place temporary fiber underground between existing hand hole at Station 132+25, 48.71’ LT and temporary pole at Station 132+83.92, 67.3’ LT.
Station 123+70	Expose existing conduit, install temporary hand hole and protect by burying below grade.
Station 127+85	Expose existing conduit, install temporary hand hole and protect by burying below grade.

Work prior to construction is anticipated to begin in May of 2026 and is estimated to take 30 working days.

Verizon plans the following work that will occur during construction:

Approximate Location	**Planned Work**
Station 123+70	Expose and remove temporary hand hole.
Station 123+70 – Bridge	Swing existing duct to vault constructed as part of this project located at Station 124+59 and connect to conduit reserved for Verizon in the bridge structure.
Bridge – Station 127+85	Connect conduit reserved for Verizon in the bridge structure to vault constructed as part of this project located at Station 127+65 and swing existing duct to Station 127+85.
Station 127+85	Expose and remove temporary hand hole.
Station 120+23 – Station 132+25	Pulling fiber and splicing.
Station 120+45	Handhole adjustment.
Station 132+10	Handhole adjustment.
Station 132+25, 52’ LT	Handhole adjustment.
Station 132+25, 8’ LT	Handhole to be relocated 10’ easterly and adjusted.

Station 117+52.33, 5.5’ LT – Station 132+83.92, 67.3’ LT	Removal of temporary facilities.

Work during construction is estimated to take 10 working days to complete the permanent installations and adjustments and 10 working days for the removal of the temporary facilities.

Provide notice prior to Verizon having availability to occupy the site.

Verizon Wireless owns underground communications facilities within the project area.

Prior to construction, Verizon Wireless plans to relocate their existing meter pedestal located at Station 111+36, 56’ LT to Station 0+84, 22’ LT within the northeast quadrant of the West Townsend Street intersection. This work has been completed.

We Energies (Electric) owns aerial and underground electric facilities within the project area.

Prior to construction, We Energies (Electric) plans to relocate their existing pad-mounted transformer located at Station 110+70, 58’ LT to the north side of West Townsend Street outside of the construction limits.

For the following coordination items taking place during construction, contact Tara Blecha at (414) 540-5784.

We Energies (Electric) will adjust the following manhole castings during construction:

Structure	Location
Manhole 9292	Station 197+62, 41' LT
Manhole 9288	Station 202+21, 52’ LT
Manhole 9291	Station 207+07, 45' LT

We Energies estimates 1½ working days for removing casting and plating manhole opening per manhole and 1 working day for reinstalling and adjusting casting per manhole. We Energies requires notice prior to each location requiring adjustment and prior to the site being available for their work.

We Energies (Gas) owns underground gas facilities within the project area.

Prior to construction, We Energies (Gas) completed the following work:

Approximate Location	Planned Work
Station 93+26, 44’ RT – Station 116+51, 46’ RT	Installation of a new 4-inch PE gas line.
Station 107+61	Installation of a new 4-inch PE gas line crossing STH 100.
Station 121+01, 66’ LT – Station 130+75, 54’ LT	Installation of a new 24-inch steel pipe gas main bored underneath the Menomonee River. Installation of new service to Currie Park Golf Course and curb valve beginning at Station 121+25, LT.

We Energies (Gas) plans the following work that will occur during construction:

Approximate Location	Planned Work
Station 121+00	Installation of a new 24-inch steel pipe crossing to tie-in to 24-inch steel gas main south of Currie Golf Course driveway entrance.
Station 130+52, 71’ LT – Station 130+80, 54’ LT	Installation of a new 24-inch steel pipe crossing to tie-in to 24-inch steel gas main north of Menomonee River Parkway.
Proposed bridge wing walls	Removal of sections of the discontinued steel pipe located under the proposed bridge wing walls/retaining walls after removal of existing bridge B-40-340 (STH 100 SB-Mayfair Rd over Menomonee River).
Station 107+61, 42’ RT	Gas valve adjustment.
Station 121+10, 71’ LT	Gas valve adjustment.
Station 143+55, 109.5’ LT	Gas valve adjustment.

Installation of the two new crossings is estimated to take 40 working days with an estimated start date in the second week of August 2026. Removal of sections of the discontinued steel pipe located under the proposed bridge wing walls are anticipated to take 10 working days during construction. Gas valve adjustments are anticipated to take 1 working day per adjustment. Contact We Energies (Gas) in advance of discontinued steel pipe removals or any gas valve adjustment.

For coordination during construction, contact We Energies Gas Dispatch at 1-800-261-5325.

We Energies (Gas) has identified the following existing underground communications facility that will be left in place and discontinued:

Approximate Location	Type and Size of Facility
Station 121+01 RT – Station 130+48 LT	22-inch steel pipe[1]
Station 124+90 LT – Station 127+15 LT	24-inch steel pipe

[1]There is potential for encountering a discontinued 22-inch gas main within the cofferdam installation west of the existing structure, location and existence is unverified. This line was discontinued and potentially removed for the 1968 bridge construction. If this main is encountered during construction, contact We Energies to coordinate removal as needed.

Wisconsin Independent Network, LLC owns underground communications facilities within the project area.

Prior to construction, Wisconsin Independent Network, LLC plans the following work:

Approximate Location	Planned Work
Pole TP1: Station 117+52.33, 5.5' LT Pole TP2: Station 118+74.50, 69.9' LT Pole TP3: Station 121+74.50, 67.8' LT	Temporarily relocating their facilities overhead to poles.

Pole TP4: Station 124+74.83, 113.8' LT Pole TP5: Station 127+39.83, 112.8’ LT Pole TP6: Station 130+11.92, 78.7' LT Pole TP7: Station 132+83.92, 67.3' LT Pole TP8: Station 134+47.50, 11.8' LT	

Work prior to construction is anticipated to begin in June of 2026 and is estimated to take 30 working days.

Wisconsin Independent Network, LLC plans the following work that will occur during construction:

Approximate Location	Planned Work
Station 117+43.33	Installing new hand hole and connecting to existing WisDOT vault located at approximately Station 117+33, 5’ RT.
Station 134+47.50	Installing new hand hole and connecting to existing WisDOT vault located at approximately Station 134+45, 10’ RT.
Station 117+43.33 – Station 134+47.50	Pulling fiber and splicing.
Station 117+52.33, 5.5’ LT – Station 134+47.50, 11.8’ LT	Removal of temporary facilities.

Work during construction is estimated to take 10 working days to complete the permanent installations and 10 working days for the removal of the temporary facilities.

Provide a 21-calendar day notice prior to Wisconsin Independent Network, LLC having the ability to remove the temporary facilities.

The following utility owners have facilities within the project area; however, no adjustments are anticipated:

- **Level 3 Communications**
- **Milwaukee County Department of Public Works (WISGN)**
-

9. Other Contracts.

Add the following:

Project 1100-20-70
IH 41 Zoo Freeway
Burleigh Street to Capitol Drive
WisDOT Contact: Steve Kuhl, 414-531-6932
steve.kuhl@dot.wi.gov

Project 1100-20-71
IH 41 Zoo Freeway
Capitol Drive to Silver Spring Drive
WisDOT Contact: Steve Kuhl, 414-531-6932
steve.kuhl@dot.wi.gov

70. Temporary Causeway, Item SPV.0060.13.

Add the following:

After determining the location of existing gas main by Utility Line Opening (ULO), provide access to We Energies for removal.

94. Coordination with Businesses and Residents.

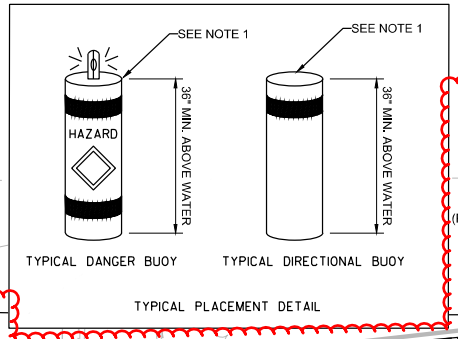
The department will arrange and conduct a meeting between the contractor, the department, affected residents, local officials and business people to discuss the project schedule of operations including vehicular and pedestrian access during construction operations. Hold the first meeting at least one week before the start of work under this contract and no further meetings will be required unless directed by the engineer. The department will arrange for a suitable location for meetings that provides reasonable accommodation for public involvement. The department will prepare and coordinate publication of the meeting notices and mailings for meetings. The contractor shall schedule meetings with at least 2 weeks' prior notice to the engineer to allow for these notifications.

stp-108-060 (20141107)

Schedule of Items
Attached, dated July 2, 2026, are the revised Schedule of Items Pages 5 and 20.

Plan Sheets
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 23, 225, 226, 510, 524, 778, 819, and 836.

END OF ADDENDUM



TYPICAL PLACEMENT DETAIL

NOTES:

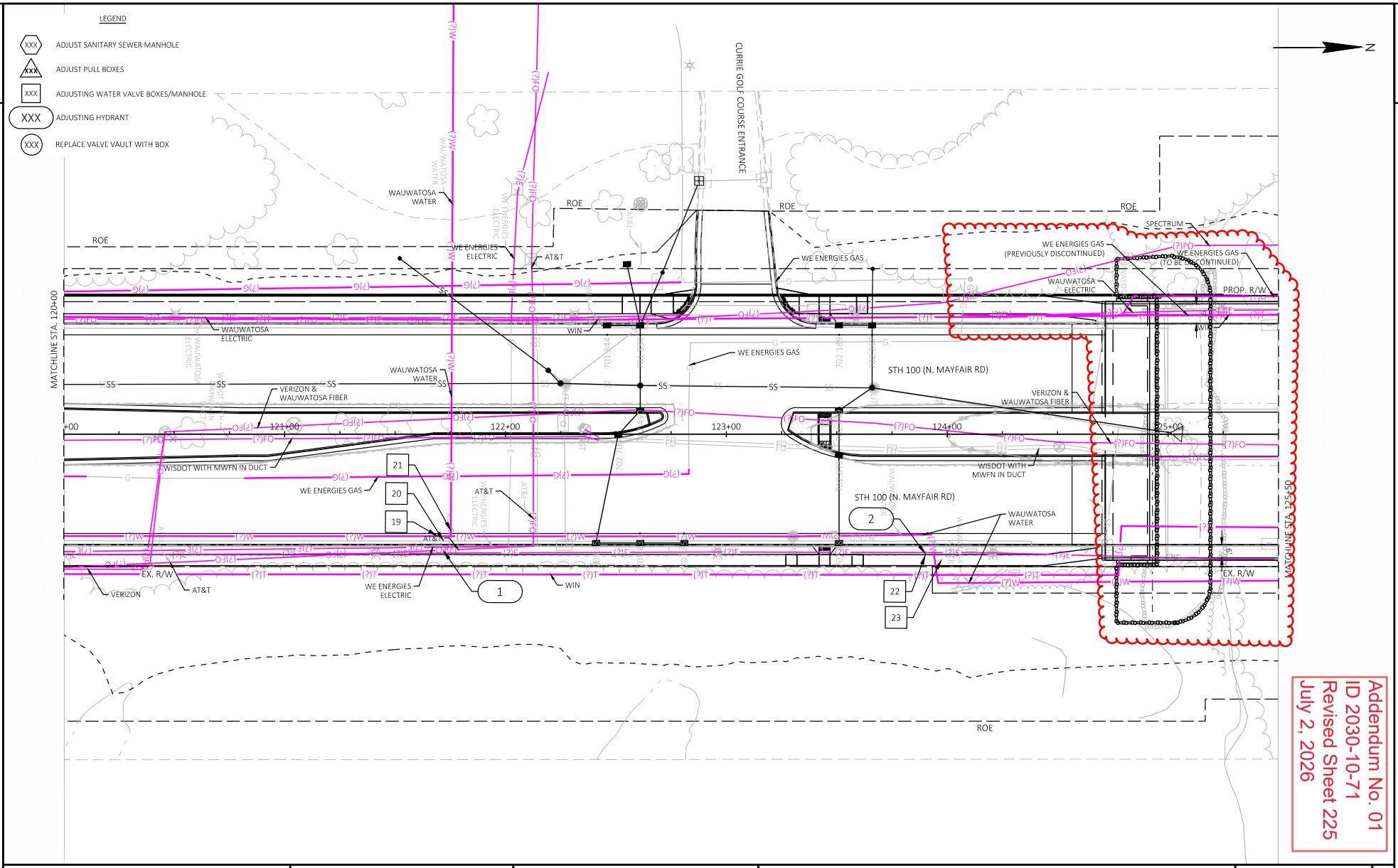
1. PROVIDE WATERWAY MARKERS IN ACCORDANCE WITH WISCONSIN DEPARTMENT OF NATURAL RESOURCES WATERWAY MARKER PERMIT
2. PROPER ANCHORING OF WATERWAY MARKERS IS INCIDENTAL TO MAINTENANCE OF WATERWAY MARKERS.
3. WATERWAY MARKERS TO BE PLACED PRIOR TO BEGINNING CONSTRUCTION IN MENOMONEE RIVER
4. SEE STRUCTURE PLANS FOR INFORMATION ON COFFERDAM PLACEMENT
5. BUOYS TO REMAIN IN THE WATER AT ALL TIMES DURING BRIDGE REMOVAL AND BRIDGE CONSTRUCTION.
6. REMOVE AND STOCKPILE ORGANIC MATERIAL TO PROVIDE FOR A MINIMUM OF 6-INCHES OF SALVAGED MATERIAL, AS SHOWN ON THE PERMANENT CAUSEWAY TO REMAIN PLAN DETAIL

TEMPORARY CAUSEWAY TYPICAL SECTION

Addendum No. 01
ID 2030-10-71
Revised Sheet 23
July 2, 2026

PROJECT NO: 2030-10-71	HWY: STH 100	COUNTY: MILWAUKEE	CONSTRUCTION DETAIL - CAUSEWAY	SHEET 23	E

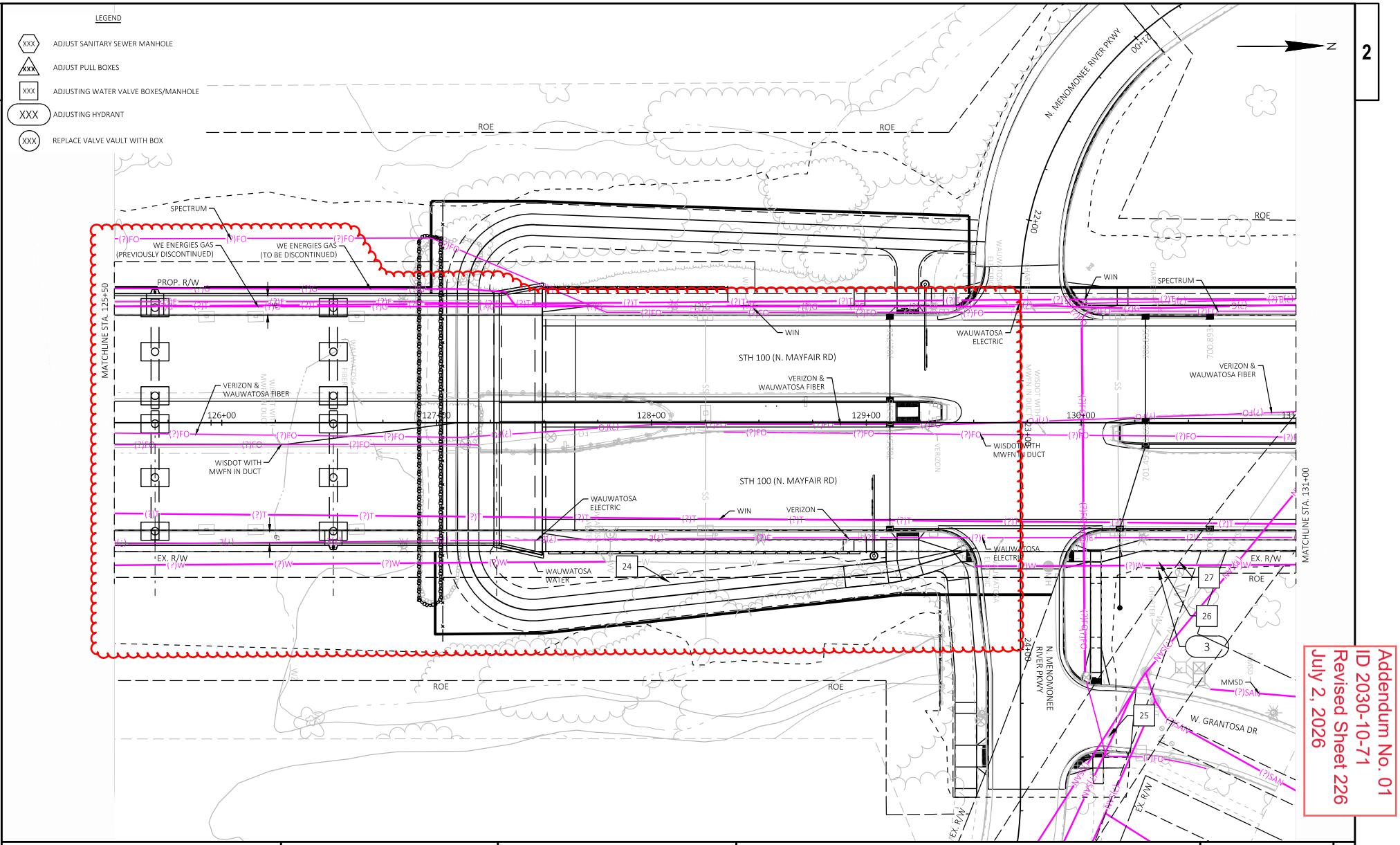
FILE NAME : I:\77891\C3D\20301001\SHEETSPLAN\021001_CD.DWG
LAYOUT NAME - 021002_cd
PLOT DATE : 6/26/2026 10:13 AM PLOT BY : JOSHUA DEPIES PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42



Addendum No. 01
ID 2030-10-71
Revised Sheet 225
July 2, 2026

PROJECT NO: 2030-10-71	HWY: STH 100	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 225 E

FILE NAME : X:\ML\2021\20210100\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 023007_up
PLOT DATE : 6/26/2026 1:17 PM
PLOT BY : ENGLES, BRIAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT



Addendum No. 01
ID 2030-10-71
Revised Sheet 226
July 2, 2026

PROJECT NO: 2030-10-71	HWY: STH 100	COUNTY: MILWAUKEE	UTILITY PLAN	SHEET 226 E

FILE NAME : X:\ML\2021\20210100\DESIGN\TRANSPORTATION\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 023008_up
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PLOT BY : ENGLES, BRIAN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

Addendum No. 01
ID 2030-10-71
Revised Sheet 510
July 2, 2026

3

CONCRETE BASE

STATION TO STATION	320.0145 8-INCH SY
STH 100	
90+00 - 119+00	-
119+00 - 133+76	-
133+76 - 147+00	-
147+00 - 204+25	-
204+25 - 249+46	-
UNDISTRBUITED	243
TOTALS	243

BASE PATCHING

STATION TO STATION	CATEGORY 1020 390.0100 REMOVING PAVEMENT FOR BASE PATCHING CY	CATEGORY 1020 390.0405 BASE PATCHING CONCRETE SHES CY	CATEGORY 1020 390.0305 BASE PATCHING CONCRETE HES CY
STH 100			
90+00 - 119+00	34	-	34
119+00 - 133+76	-	-	-
133+76 - 147+00	197	-	197
147+00 - 204+25	72	-	72
204+25 - 249+46	33	-	33
UNDISTRIBUTED	2,775	43	2,731
TOTALS	3,111	43	3,067

CONCRETE PAVEMENT

STATION TO STATION	415.0080 8-INCH SY	416.1720 REPLACEMENT SY	415.1080 HES 8-INCH SY
STH 100			
90+00 - 119+00	-	-	174
119+00 - 133+76	9,658	-	-
133+76 - 147+00	-	178	228
147+00 - 204+25	-	356	758
204+25 - 249+46	-	-	-
TOTALS	9,658	534	1,160

3

CONCRETE PAVEMENT APPROACH SLAB

STATION TO STATION	415.0410 CONCRETE PAVEMENT APPROACH SLAB SY
STH 100	
90+00 - 119+00	-
119+00 - 133+76	238
133+76 - 147+00	-
147+00 - 204+25	-
204+25 - 249+46	-
TOTALS	238

COLORED CONCRETE WISDOT RED

STATION TO STATION	405.0100 COLORED CONCRETE WISDOT RED CY
STH 100	
90+00 - 119+00	2
119+00 - 133+76	5
133+76 - 147+00	3
147+00 - 204+25	7
204+25 - 249+46	-
TOTALS	17

DRILLED TIE BARS

STATION TO STATION	416.0610 DRILLED TIE BARS EACH
STH 100	
90+00 - 119+00	315
119+00 - 133+76	30
133+76 - 147+00	531
147+00 - 204+25	827
204+25 - 249+46	203
UNDISTRIBUTED	2,786
TOTALS	4,692

DRILLED DOWEL BARS

STATION TO STATION	416.0620 DRILLED DOWEL BARS EACH
STH 100	
90+00 - 119+00	112
119+00 - 133+76	-
133+76 - 147+00	344
147+00 - 204+25	344
204+25 - 249+46	80
UNDISTRIBUTED	13,828
TOTALS	14,708

CONCRETE DRIVEWAY

STATION TO STATION	602.0810 6-INCH SY	602.0815 7-INCH SY
STH 100		
90+00 - 119+00	-	66
119+00 - 133+76	62	-
133+76 - 147+00	-	27
147+00 - 204+25	-	-
204+25 - 249+46	-	-
TOTALS	62	93

HMA PAVEMENT

STATION TO STATION	CATEGORY 1020 460.6223 3 MT 58-28 S TON	CATEGORY 1020 460.6224 4 MT 58-28 S TON	CATEGORY 1000 465.0120 DRIVEWAYS AND FIELD ENTRANCES TON	CATEGORY 8020 465.0120 DRIVEWAYS AND FIELD ENTRANCES TON	CATEGORY 1000 465.0110 ASPHALTIC SURFACE PATCHING TON	CATEGORY 1020 455.0605 TACK COAT GAL	CATEGORY 8020 455.0605 TACK COAT GAL
STH 100							
90+00 - 119+00	2,880	2,240	18	-	-	2,763	-
119+00 - 133+76	227	114	42	150	-	130	39
133+76 - 147+00	1,750	1,361	8	-	-	1,625	-
147+00 - 204+25	6,308	4,906	-	-	-	5,851	-
204+25 - 249+46	4,634	3,604	-	-	-	4,298	-
UNDISTRIBUTED	-	-	-	-	36	-	-
CATEGORY TOTAL	15,799	12,225	68	150	36	14,667	39
PROJECT TOTAL	15,799	12,225	218		36	14,706	

ALL ITEMS CATEGORY 1000 UNLESS NOTED

PROJECT NO: 2030-10-71	HWY: STH 100	COUNTY: MILWAUKEE	MISCELLANEOUS QUANTITIES	SHEET: 510	E

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

3

GEOGRID TYPE SR

STATION TO STATION	645.0220 GEOGRID TYPE SR SY
STH 100	
90+00 - 119+00	-
119+00 - 133+76	12,905
133+76 - 147+00	-
147+00 - 204+25	-
204+25 - 249+46	-
TOTALS	12,905

MARKING LINE

STATION TO STATION	CATEGORY 8020 646.1020 EPOXY 4-INCH (WHITE) LF	CATEGORY 1000 646.1020 EPOXY 4-INCH (YELLOW) LF	646.2025 GROOVED BLACK EPOXY 6-INCH LF	646.2040 GROOVED WET REF EPOXY 6-INCH LF	646.4040 GROOVED WET REF EPOXY 10-INCH LF
STH 100					
90+00 - 119+00	-	-	2,421	11,568	1,010
119+00 - 133+76	302	666	1,335	6,834	418
133+76 - 147+00	-	-	930	5,236	2,832
147+00 - 204+25	-	-	2,700	22,329	3,816
204+25 - 249+46	-	-	2,222	19,562	1,056
SUBTOTALS	302	666	9,608	65,385	9,132
CATEGORY TOTAL	302	666	9,608	65,385	9,132
PROJECT TOTAL	968		9,608	65,385	9,132

3

MARKING OTHER

STATION TO STATION	646.5020 ARROW EPOXY EACH	646.5120 WORD EPOXY EACH	646.6120 STOP LINE EPOXY 18-INCH LF	646.6220 YIELD LINE EPOXY 18-INCH EACH	646.7120 DIAGONAL EPOXY 12-INCH LF	646.7420 CROSSWALK EPOXY TRAVERSE LINE 6-INCH LF	646.7520 CROSSWALK EPOXY BLOCK STYLE 24-INCH LF	646.8120 CURB EPOXY LF	646.8220 ISLAND NOSE EPOXY EACH
STH 100									
90+00 - 119+00	-	-	80	-	-	243	152	437	8
119+00 - 133+76	-	-	34	47	-	689	582	138	4
133+76 - 147+00	17	9	263	-	35	805	-	85	4
147+00 - 204+25	10	3	269	26	2,719	1,485	504	1,029	23
204+25 - 249+46	3	-	170	-	2,605	766	-	357	6
TOTALS	30	12	816	73	5,359	3,988	1,238	2,046	45

SAWING

STATION TO STATION	690.0150 ASPHALT LF	690.0250 CONCRETE LF
STH 100		
90+00 - 119+00	285	1,244
119+00 - 133+76	192	10
133+76 - 147+00	80	2,043
147+00 - 204+25	251	2,826
204+25 - 249+46	-	848
UNDISTRIBUTED	1,222	25,625
TOTALS	2,030	32,596

HEAVY DUTY SILT FENCE

STATION TO STATION	628.1535.S SILT FENCE HEAVY DUTY MAINTENANCE LF	SPV.0090.05 STATE FURNISHED HEAVY DUTY SILT FENCE LF
STH 100		
90+00 - 119+00	-	-
119+00 - 133+76	1,250	1,250
133+76 - 147+00	-	-
147+00 - 204+25	-	-
204+25 - 249+46	-	-
UNDISTRIBUTED	300	300
TOTALS	1,550	1,550

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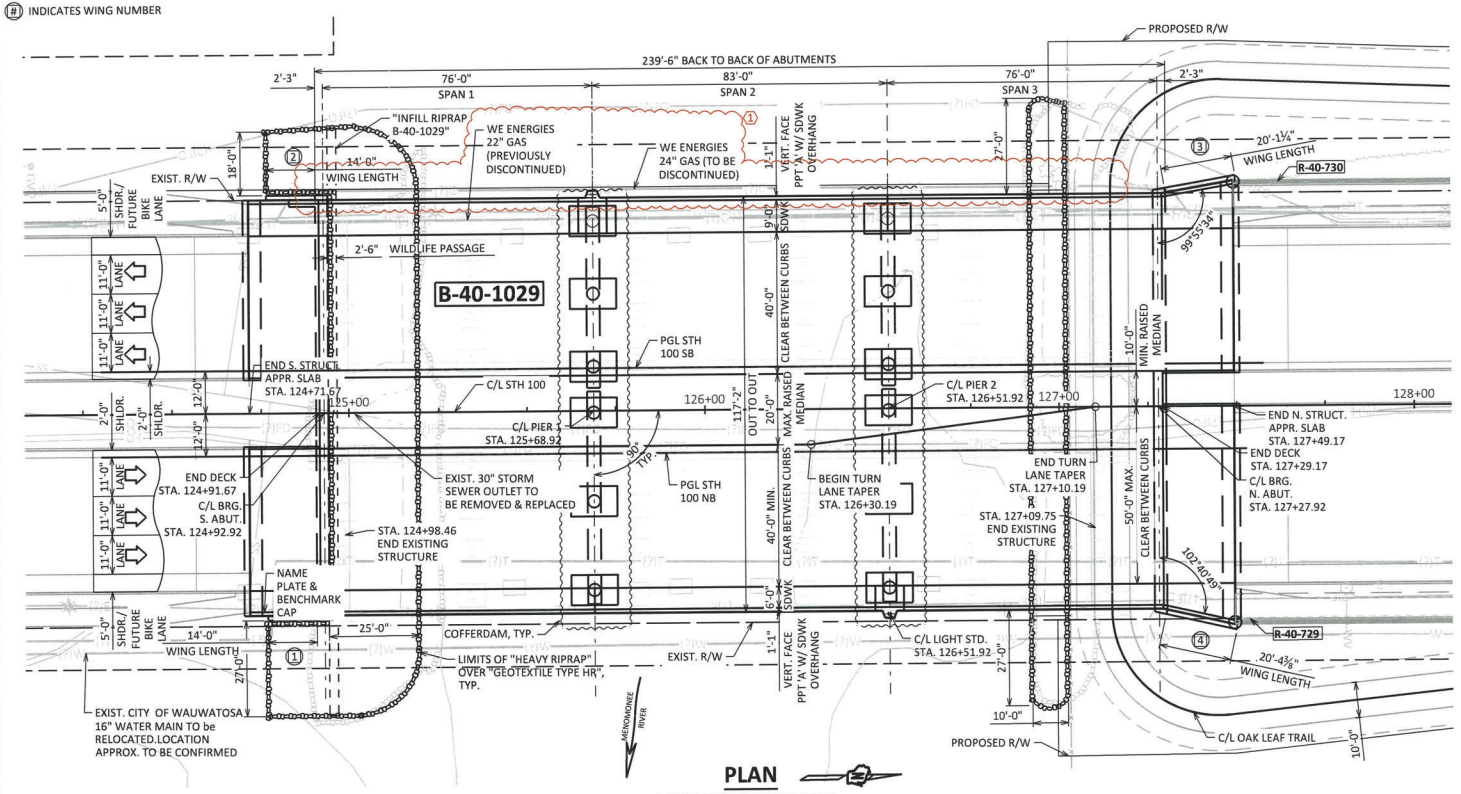
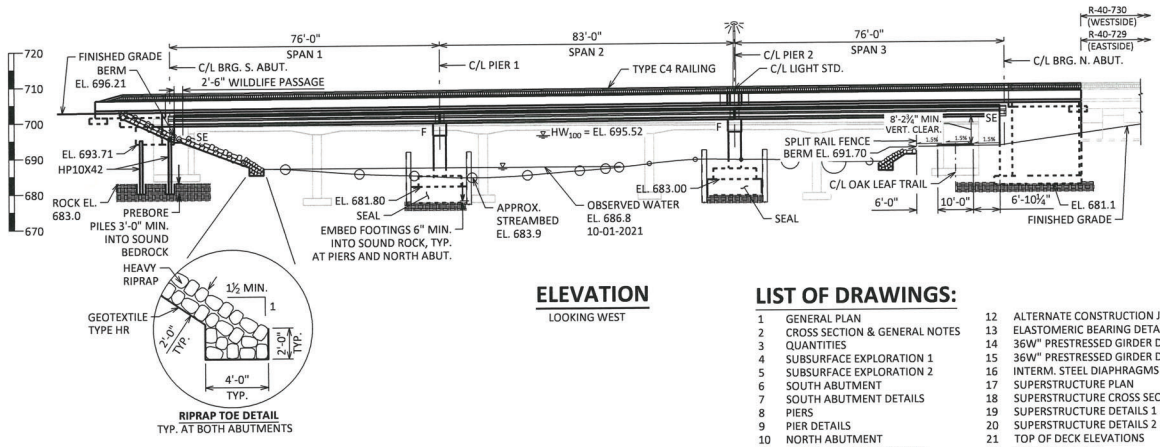
ID 2030-10-71
Revised Sheet 524
July 2, 2026

ALL ITEMS CATEGORY 1000 UNLESS NOTED



PLAN

3-SPAN 36W" PRESTRESSED GIRDER



ELEVATION

LOOKING WEST

RIPRAP TOE DETAIL
TYP. AT BOTH ABUTMENTS

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING: RF = 1.28
OPERATING RATING: RF = 1.74
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 (KIPS)

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY:
SUPERSTRUCTURE & STRUCTURAL APPROACH SLAB — f'_c = 4,000 PSI
ALL OTHER — f'_c = 3,500 PSI

BAR STEEL REINFORCEMENT
GRADE 60 — f_y = 60,000 PSI
STAINLESS, GRADE 60 — f'_y = 60,000 PSI

36W" PRESTRESSED GIRDERS:
CONCRETE MASONRY — f'_c = 8,000 PSI
STRANDS: 0.6" DIA. WITH ULTIMATE TENSILE STRENGTH OF 270,000 P.S.I.

FOUNDATION DATA

SOUTH ABUTMENT TO BE SUPPORTED ON HP10X42 PILING SEATED IN PRE-BORED HOLES. PRE-BORED HOLES SHALL EXTEND A MINIMUM OF 10 FEET BELOW THE BOTTOM OF THE ABUTMENT AND BE EMBEDDED A MINIMUM OF 3'-0" INTO COMPETENT ROCK. PILES PLACED IN PREBORED HOLES BORED INTO ROCK DO NOT REQUIRE DRIVING. PILING SHALL BE FIRMLY SEATED AFTER PLACEMENT. THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS 180 TONS MULTIPLIED BY A RESISTANCE FACTOR OF 0.5.

NORTH ABUTMENT WITH SPREAD FOOTINGS TO BE SUPPORTED BY SOUND ROCK WITH A REQUIRED FACTORED BEARING RESISTANCE OF 40,000 PSF***. A GEOTECHNICAL ENGINEER WILL DETERMINE THE FACTORED BEARING RESISTANCE BY VISUAL INSPECTION PRIOR TO CONSTRUCTION OF THE ABUTMENT FOOTING.

PIERS WITH SPREAD FOOTINGS TO BE SUPPORTED BY SUPPORTED BY SOUND ROCK WITH A REQUIRED FACTORED BEARING RESISTANCE OF 40,000 PSF***. A GEOTECHNICAL ENGINEER WILL DETERMINE THE FACTORED BEARING RESISTANCE BY VISUAL INSPECTION PRIOR TO CONSTRUCTION OF THE PIER FOOTING.

***THE FACTORED BEARING RESISTANCE IS THE VALUE USED FOR DESIGN.

TRAFFIC DATA

STH 100
ADT = 24,500 (2045)
R.D.S. = 45 MPH

HYDRAULIC DATA

100-YEAR FREQUENCY:
Q_{100}= 5,550 C.F.S.
V_{100}= 3.2 F.P.S.
HW_{100}= EL. 695.52

2-YEAR FREQUENCY:
Q_2= 882 C.F.S.
V_2= 1.0 F.P.S.
HW_2= EL. 689.10

WATERWAY AREA = 1,724 SQ. FT.
DRAINAGE AREA = 87.8 SQ. MI.
ROADWAY OVERTOPPING = N/A
SCOUR CRITICAL CODE = 5

JT,R
06/29/2026

LIST OF DRAWINGS:

1	GENERAL PLAN	12	ALTERNATE CONSTRUCTION JOINT
2	CROSS SECTION & GENERAL NOTES	13	ELASTOMERIC BEARING DETAILS
3	QUANTITIES	14	36W" PRESTRESSED GIRDER DETAILS
4	SUBSURFACE EXPLORATION 1	15	36W" PRESTRESSED GIRDER DESIGN DATA
5	SUBSURFACE EXPLORATION 2	16	INTERM. STEEL DIAPHRAGMS
6	SOUTH ABUTMENT	17	SUPERSTRUCTURE PLAN
7	SOUTH ABUTMENT DETAILS	18	SUPERSTRUCTURE CROSS SECTION
8	PIERS	19	SUPERSTRUCTURE DETAILS 1
9	PIER DETAILS	20	SUPERSTRUCTURE DETAILS 2
10	NORTH ABUTMENT	21	TOP OF DECK ELEVATIONS
11	NORTH ABUTMENT DETAILS	22	CONDUIT DETAILS
		23	RAILING TYPE C4
		24	RAILING TYPE C4 DETAILS
		25	PARAPET 'A' ELECTRICAL WORK
		26	SOUTH STR. APPROACH SLAB PLAN
		27	SOUTH STR. APPROACH SLAB DETAILS
		28	NORTH STR. APPROACH SLAB PLAN
		29	NORTH STR. APPROACH SLAB DETAILS 1
		30	NORTH STR. APPROACH SLAB DETAILS 2
		31	AESTHETIC DETAILS 1
		32	AESTHETIC DETAILS 2

WISCONSIN
KEVIN G. WOOD
E-32070
MILWAUKEE, WI
PROFESSIONAL ENGINEER
June 29, 2026

STRUCTURE DESIGN CONTACTS:
CONSULTANT CONTACT: KEVIN WOOD (414) 259-1500
BOS CONTACT: AARON BONK (608) 261-0261

NO.	DATE	REVISION	BY
1	6/29/2026	UPDATED UTILITY INFORMATION	WAR

GRÄEF
275 W. Wisconsin Avenue Suite 300 Milwaukee, WI 53203 414 / 259 1500 414 / 259 0037 fax www.graef-usa.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ CHIEF STRUCTURES DESIGN ENGINEER _____ DATE

STRUCTURE B-40-1029

STH 100/N. MAYFAIR RD OVER MENOMONEE RIVER

COUNTY: MILWAUKEE CITY: WAUWATOSA
DESIGN SPEC.: AASHTO LRFD BRIDGE DESIGN SPECIFICATION

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
WAR	KGW	WAR	KGW

GENERAL PLAN

SHEET 1 OF 32
778

SCALE = 1"=35'

STATE PROJECT NUMBER
2030-10-71

Addendum No. 01
ID 2030-10-71
Revised Sheet 778
July 2, 2026

8

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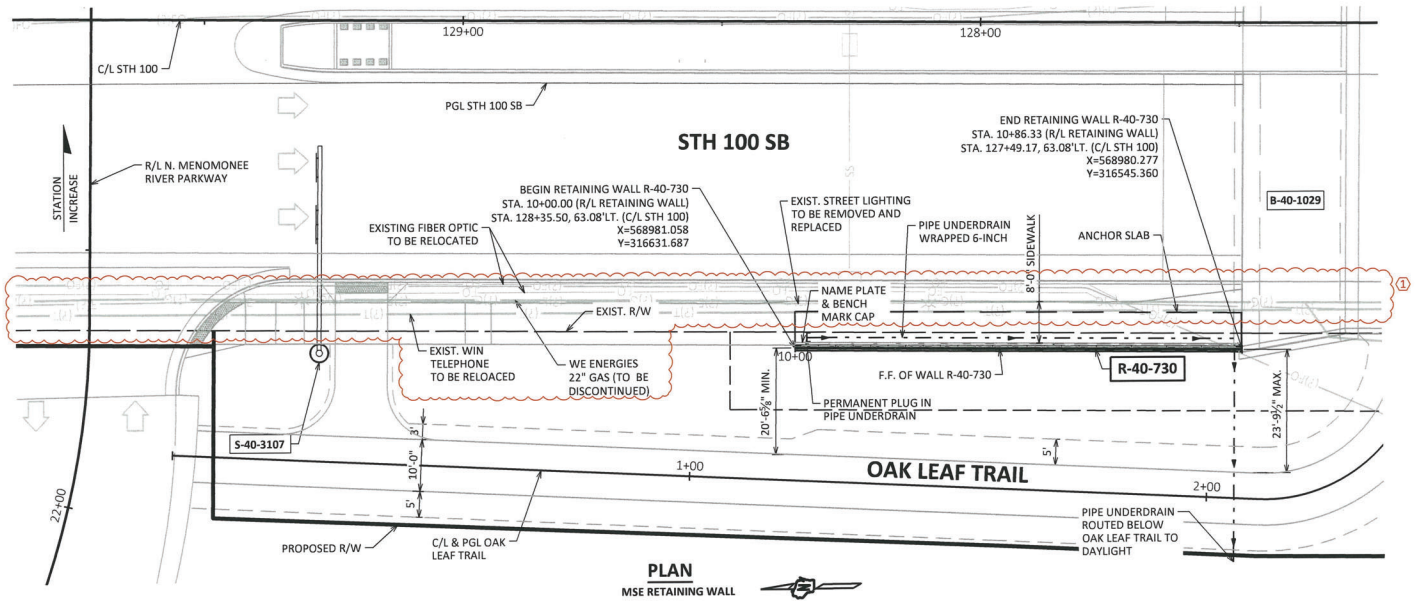
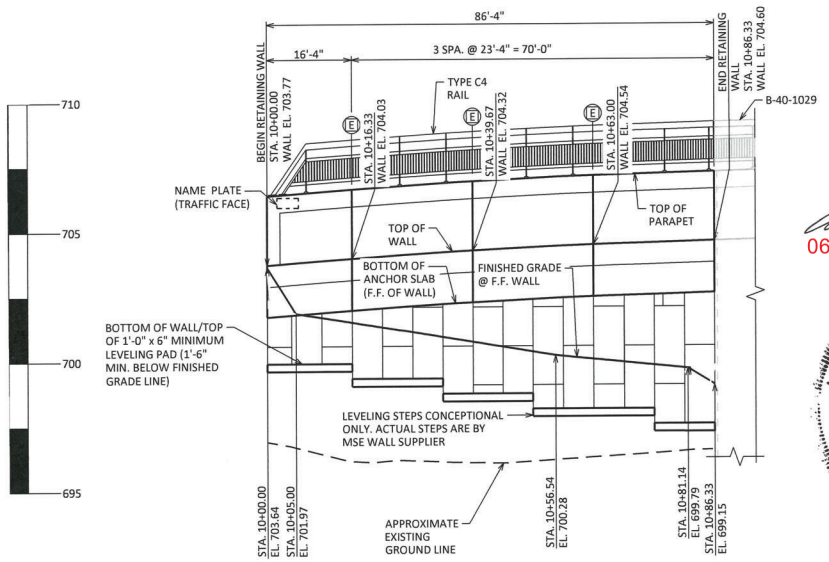


PLAN
MSE RETAINING WALL



ELEVATION
LOOKING EAST (DIMENSIONS AND STATIONS GIVEN ALONG FRONT FACE OF WALL)

Addendum No. 01
ID 2030-10-71
Revised Sheet 819
July 2, 2026

STATE PROJECT NUMBER
2030-10-71

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH R-40-730".

PLANS, ELEVATIONS, AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON THIS SHEET.

DESIGN RETAINING WALL FOR A LIVE LOAD SURCHARGE OF 240 PSF.

THE MAXIMUM VALUE OF THE ANGLE OF INTERNAL FRICTION OF THE WALL BACKFILL MATERIAL IN THE REINFORCED ZONE SHALL BE ASSUMED TO BE 30° WITHOUT CERTIFIED TEST VALUES.

LIVE LOAD:

LIVE LOAD SURCHARGE: 240 PSF

MATERIAL PROPERTIES:

CONCRETE MASONRY ——— f'_c = 3,500 P.S.I.
PRECAST CONCRETE WALL PANELS ——— f'_c = 4,000 P.S.I.
BAR STEEL REINFORCEMENT, GRADE 60 ——— f_y = 60,000 P.S.I.

ALLOWABLE WALL SYSTEMS

WALL CONCRETE PANEL MECHANICALLY STABILIZED EARTH

TRAFFIC DATA

STH 100 SB
ADT = 11,900 (2045)
R.D.S. = 45 MPH

LIST OF DRAWINGS

LEGEND

(E) EXPANSION JOINT IN CONCRETE ANCHOR SLAB AND PARAPET

JLR
06/29/2026

WISCONSIN
KEVIN G. WOOD
E-32070
MILWAUKEE, WI
PROFESSIONAL ENGINEER
JUNE 29, 2026

NO.	DATE	REVISION	BY
1	6/29/2026	UPDATED UTILITY INFORMATION	WAR

GRAEF
275 W. Wisconsin Avenue
Suite 300
Milwaukee, WI 53203
414 / 259 1500
414 / 259 0037 fax
www.graef-usa.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE R-40-730

STH 100/ N. MAYFAIR RD NEAR MENOMONEE RIVER

COUNTY	CITY
MILWAUKEE	WAUWATOSA

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATION

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
WAR	KGW	WAR/SK	KGW

GENERAL PLAN

SHEET 1 OF 9

819

SCALE =

STRUCTURE DESIGN CONTACTS:

CONSULTANT CONTACT:	KEVIN WOOD	(414) 259-1500
BOS CONTACT:	AARON BONK	(608) 261-0261

8

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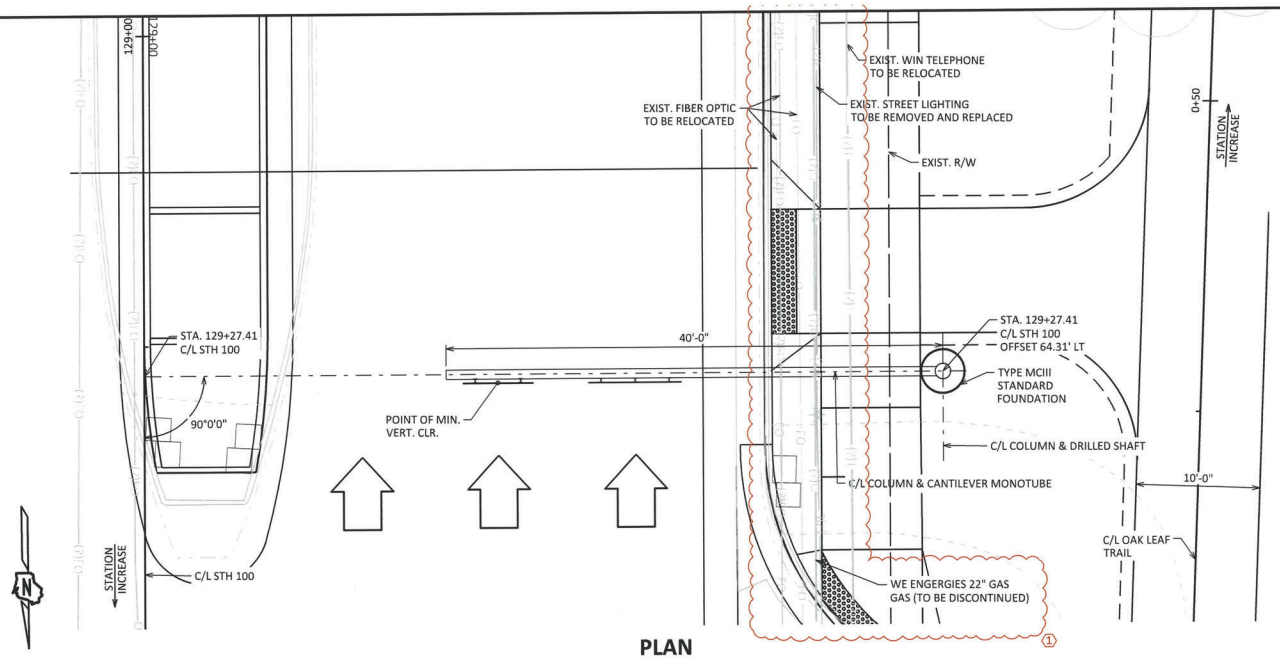
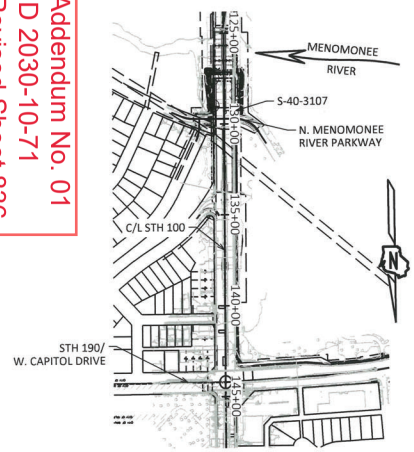


PLAN

STATION 129+27.41 STH 100 SB
¼" MILE S. STH 190 (CAPITOL DR.)

Addendum No. 01
ID 2030-10-71
Revised Sheet 836
July 2, 2026

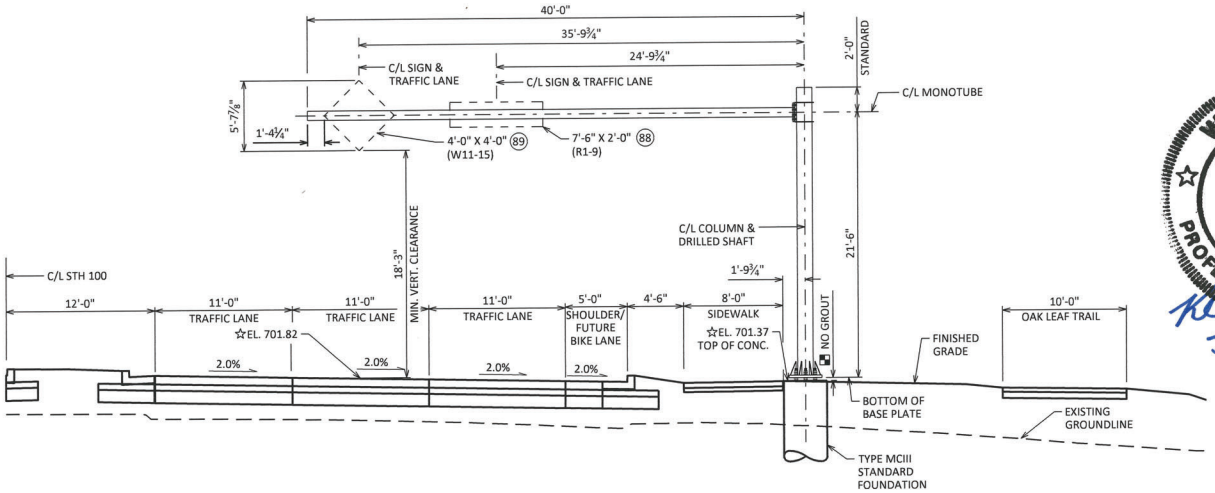
STATE PROJECT NUMBER
2030-10-71



LOCATION MAP

NOTE

POINT OF MIN. VERTICAL CLEARANCE
STA. 129+27.41, 28.50' (LEFT)
EL. 701.82



ELEVATION

(LOOKING DOWNSTATION AT F.F. OF SIGN)

LEGEND

☆ELEVATIONS GIVEN ALONG C/L MONOTUBE CHORD

(#) SIGN NUMBERS (PERMANENT SIGNING PLAN)

STANDOFF DIMENSION IS ASSUMED TO BE 2½", BUT IS A MAXIMUM OF 2 X ANCHOR ROD DIAMETER. SEE FOUNDATION DETAILS SHEET AND SHOP DRAWINGS FOR MORE INFORMATION.

WISCONSIN
KEVIN G. WOOD
E-32070
MILWAUKEE, WI
PROFESSIONAL ENGINEER
JUNE 29, 2026

JLR
06/29/2026

NO.	DATE	REVISION	BY
1	6/29/26	UPDATED UTILITY INFORMATION	WAR

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE S-40-3107

DRAWN BY WAR | PLANS CK'D KGW

GENERAL LAYOUT
S-40-3107

SHEET 3 OF 8

836

SCALE =

8

8

Proposal ID: 20260714004 **Project(s):** 2030-10-71

Federal ID(s): WISC 2026378

SECTION: 0001 Contract Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0110	390.0405 Base Patching Concrete SHES	43.000 CY	_____.____	_____.____
0112	405.0100 Coloring Concrete WisDOT Red	17.000 CY	_____.____	_____.____
0114	415.0080 Concrete Pavement 8-Inch	9,658.000 SY	_____.____	_____.____
0116	415.0410 Concrete Pavement Approach Slab	238.000 SY	_____.____	_____.____
0118	415.1080 Concrete Pavement HES 8-Inch	1,160.000 SY	_____.____	_____.____
0120	416.0610 Drilled Tie Bars	4,692.000 EACH	_____.____	_____.____
0122	416.0620 Drilled Dowel Bars	14,708.000 EACH	_____.____	_____.____
0124	416.1720 Concrete Pavement Replacement	534.000 SY	_____.____	_____.____
0126	455.0605 Tack Coat	14,706.000 GAL	_____.____	_____.____
0128	460.0105.S HMA Percent Within Limits (PWL) Test Strip Volumetrics	2.000 EACH	_____.____	_____.____
0130	460.6223 HMA Pavement 3 MT 58-28 S	15,799.000 TON	_____.____	_____.____
0132	460.6224 HMA Pavement 4 MT 58-28 S	12,225.000 TON	_____.____	_____.____
0134	465.0110 Asphaltic Surface Patching	36.000 TON	_____.____	_____.____
0136	465.0120 Asphaltic Surface Driveways and Field Entrances	218.000 TON	_____.____	_____.____
0138	465.0125 Asphaltic Surface Temporary	260.000 TON	_____.____	_____.____

Proposal ID: 20260714004 **Project(s):** 2030-10-71

Federal ID(s): WISC 2026378

SECTION: 0001 Contract Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0554	673.0105 Communication Vault Type 1	2.000 EACH	_____.____	_____.____
0556	674.0300 Remove Cable	15,915.000 LF	_____.____	_____.____
0558	678.0072 Install Fiber Optic Cable Outdoor Plant 72-CT	7,060.000 LF	_____.____	_____.____
0560	678.0200 Fiber Optic Splice Enclosure	2.000 EACH	_____.____	_____.____
0562	678.0300 Fiber Optic Splice	148.000 EACH	_____.____	_____.____
0564	678.0501 Communication System Testing	1.000 EACH	_____.____	_____.____
0566	690.0150 Sawing Asphalt	2,030.000 LF	_____.____	_____.____
0568	690.0250 Sawing Concrete	32,596.000 LF	_____.____	_____.____
0570	715.0502 Incentive Strength Concrete Structures	13,920.000 DOL	1.00000	13,920.00
0572	715.0720 Incentive Compressive Strength Concrete Pavement	2,969.000 DOL	1.00000	2,969.00
0574	740.0440 Incentive IRI Ride	35,400.000 DOL	1.00000	35,400.00
0576	ASP.1T0A On-the-Job Training Apprentice at $5.00/HR	9,100.000 HRS	5.00000	45,500.00
0578	ASP.1T0G On-the-Job Training Graduate at $5.00/HR	18,000.000 HRS	5.00000	90,000.00
0580	SPV.0045 Special 01. Portable Speed Trailer	670.000 DAY	_____.____	_____.____
0582	SPV.0055 Special 01. Incentive Density PWL HMA Pavement Core Only	16,975.000 DOL	1.00000	16,975.00